

I. IN THE CLAIMS

Claims 1-23 (cancelled).

24. (withdrawn) An isolated human Cyr61 fragment comprising a sequence selected from the group consisting of residues 280-290 of SEQ ID NO:4 and residues 305-310 of SEQ ID NO:4, wherein said Cyr61 fragment retains at least one biological function of human Cyr61.

Claims 25-53 (cancelled).

54. (withdrawn) An isolated human Cyr61 fragment comprising x amino acids, wherein the sequence of said fragment is within a sequence selected from the group consisting of:

- (a) amino acids 93-211 of SEQ ID NO:4;
- (b) amino acids 212-281 of SEQ ID NO:4;
- (c) amino acids 279-315 of SEQ ID NO:4;
- (d) amino acids 280-290 of SEQ ID NO:4; and
- (e) SEQ ID NO:33,

or a variant, analog, homolog or derivative of said fragment, wherein said Cyr61 fragment retains at least one biological function of human Cyr61, and provided that x is from about 8 to about 50 amino acids.

55. (withdrawn) A variant, analog, homolog or derivative of a fragment comprising x amino acids within SEQ ID NO:33 according to claim 54, wherein the sequence of said variant, analog, homolog or derivative is at least 80% similar to x amino acids within SEQ ID NO:33.

56. (withdrawn) A variant, analog, homolog or derivative of a fragment comprising x amino acids within SEQ ID NO:33 according to claim 54, wherein the sequence of said variant, analog, homolog or derivative is at least 90% similar to x amino acids within SEQ ID NO:33.

57. (withdrawn) A variant, analog, homolog or derivative of a fragment comprising x amino acids within SEQ ID NO:33 according to claim 54, wherein the sequence of said variant, analog, homolog or derivative is at least 95% similar to x amino acids within SEQ ID NO:33.

58. (withdrawn) A variant, analog, homolog or derivative of a fragment comprising x amino acids within SEQ ID NO:33 according to claim 54, wherein the sequence of said variant, analog, homolog or derivative is at least 99% similar to x amino acids within SEQ ID NO:33.

59. (withdrawn) A fragment comprising x amino acids within amino acids 93-211 of SEQ ID NO:4 according to claim 54, wherein x is no more than 20, or a variant, analog, homolog or derivative of said fragment.

60. (withdrawn) A variant, analog, homolog or derivative of a fragment comprising x amino acids within amino acids 93-211 of SEQ ID NO:4 according to claim 54, wherein the sequence of said variant, analog, homolog or derivative is at least 95% similar to x amino acids within amino acids 93-211 of SEQ ID NO:4.

61. (withdrawn) A variant, analog, homolog or derivative according to claim 60, wherein x is no more than 20.

62. (withdrawn) A variant, analog, homolog or derivative of a fragment comprising x amino acids within amino acids 93-211 of SEQ ID NO:4 according to claim 54, wherein the sequence of said variant, analog, homolog or derivative is at least 98% similar to x amino acids within amino acids 93-211 of SEQ ID NO:4.

63. (withdrawn) A variant, analog, homolog or derivative according to claim 62, wherein x is no more than 20.

64. (withdrawn) An isolated human Cyr61 fragment comprising a sequence selected from the group consisting of:

- (a) domain I of SEQ ID NO:4;
- (b) domain II of SEQ ID NO:4;
- (c) domain III of SEQ ID NO:4;
- (d) domain IV of SEQ ID NO:4;
- (e) heparin binding site I of SEQ ID NO:4;
- (f) heparin binding site II of SEQ ID NO:4; and
- (g) SEQ ID NO:33,

or a variant, analog, homolog or derivative of said fragment, wherein said Cyr61 fragment retains at least one biological function of human Cyr61.

65. (original) An antibody that specifically binds to a Cyr61 fragment according to any one of claims 24 and 54-64.